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COUNTRY East Germany

SUBJECT Funkwerk Koepenick
Active Navigation Transmitters DevelopmentPLACE
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INFO

THIS IS UNEVALUATED INFORMATION

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SOURCE

1. Department TLF (Development of Ship Transmitters), headed by (fnu) Huettmann, in Area 1 (Transmitter Research and Development) of Funkwerk Koepenick has among its four laboratories one called TLF 3 which is charged with the development of transmitters for "active navigation." It is headed by (fnu) Nowack. "Active navigation" covers the development of all devices for the purpose of taking the bearings (anneilen) of a target ship without receiving any kind of signal from the target ship. The devices in question are impulse devices.
2. TLF 3 has in development, for the above purpose, a transmitter operating in the five to ten centimeter range with an average power of 100 Watts and an impulse power of 10 kW. The antenna for this transmitter is not under construction in TLF 3 but in a newly-founded department for the development and construction of small devices; this department is headed by Dr. Wilhelm Grimm. TLF 3 works in close cooperation with Dr. Erich Schuettloeffel, an antenna specialist who worked in Russia during the post-war period and after his return was made Grimm's assistant. The antenna under Schuettloeffel's construction for the impulse transmitter developed in TLF 3 is an antenna with electrically oscillable horizontal characteristics.

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- Comment. In contrast, taking the bearings of a target ship with the aid of signals emitted by the target is called "passive navigation."

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